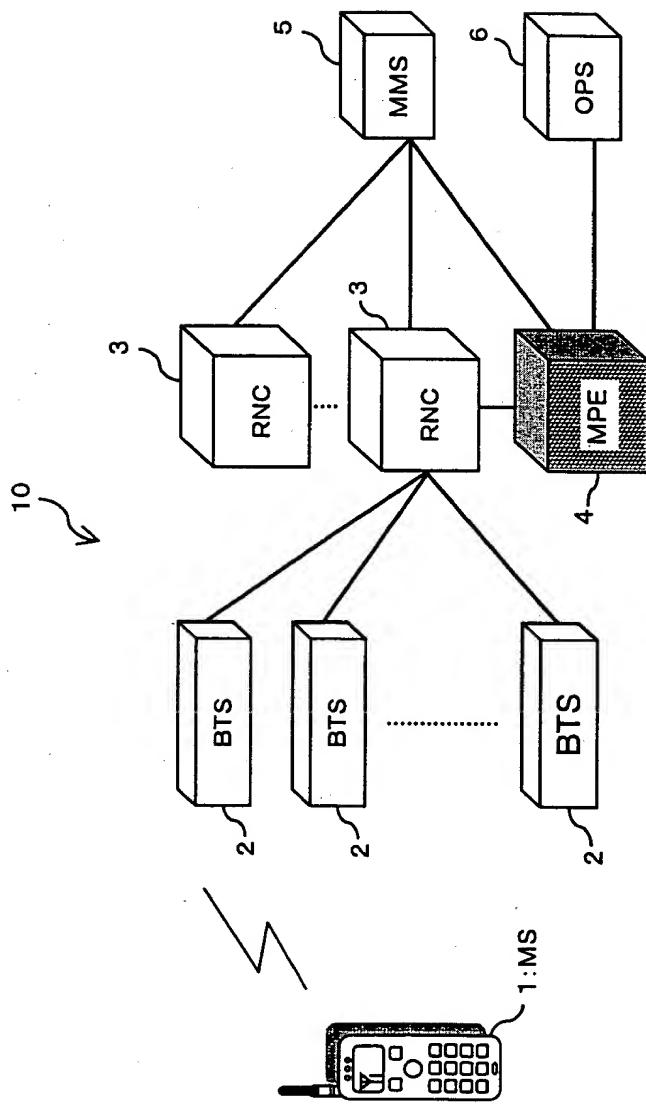
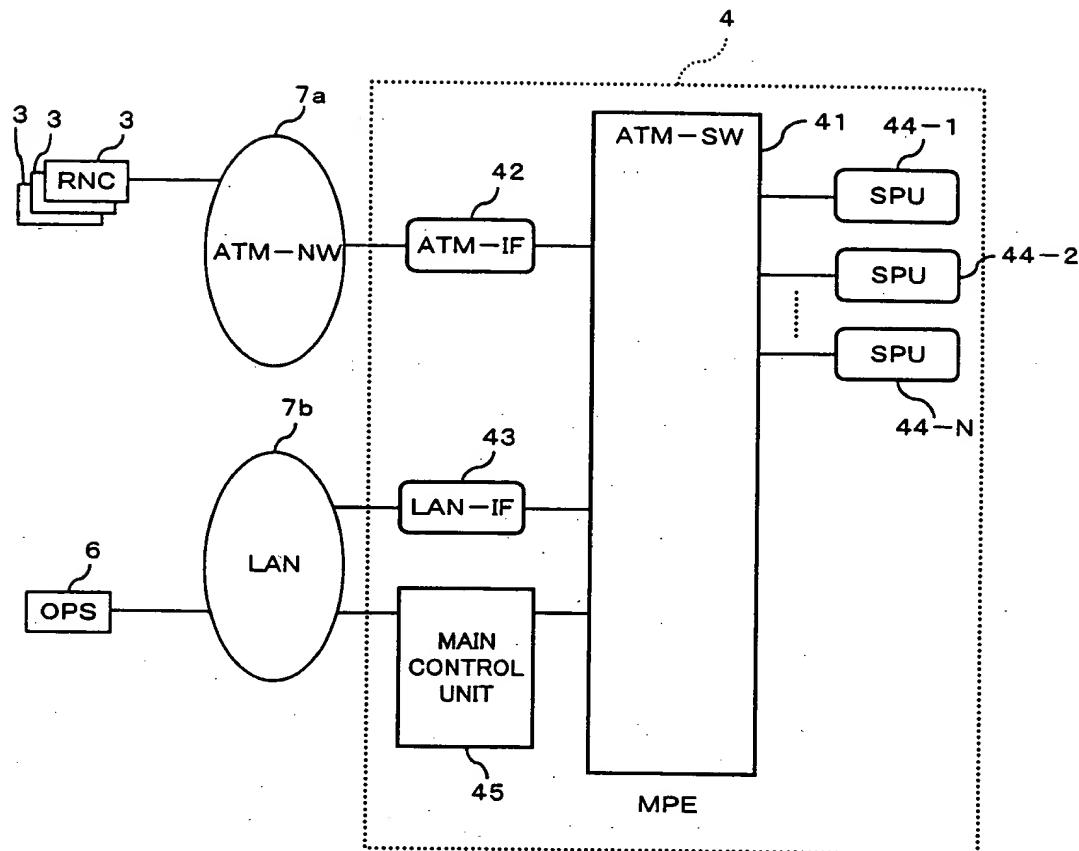


**FIG. 1**

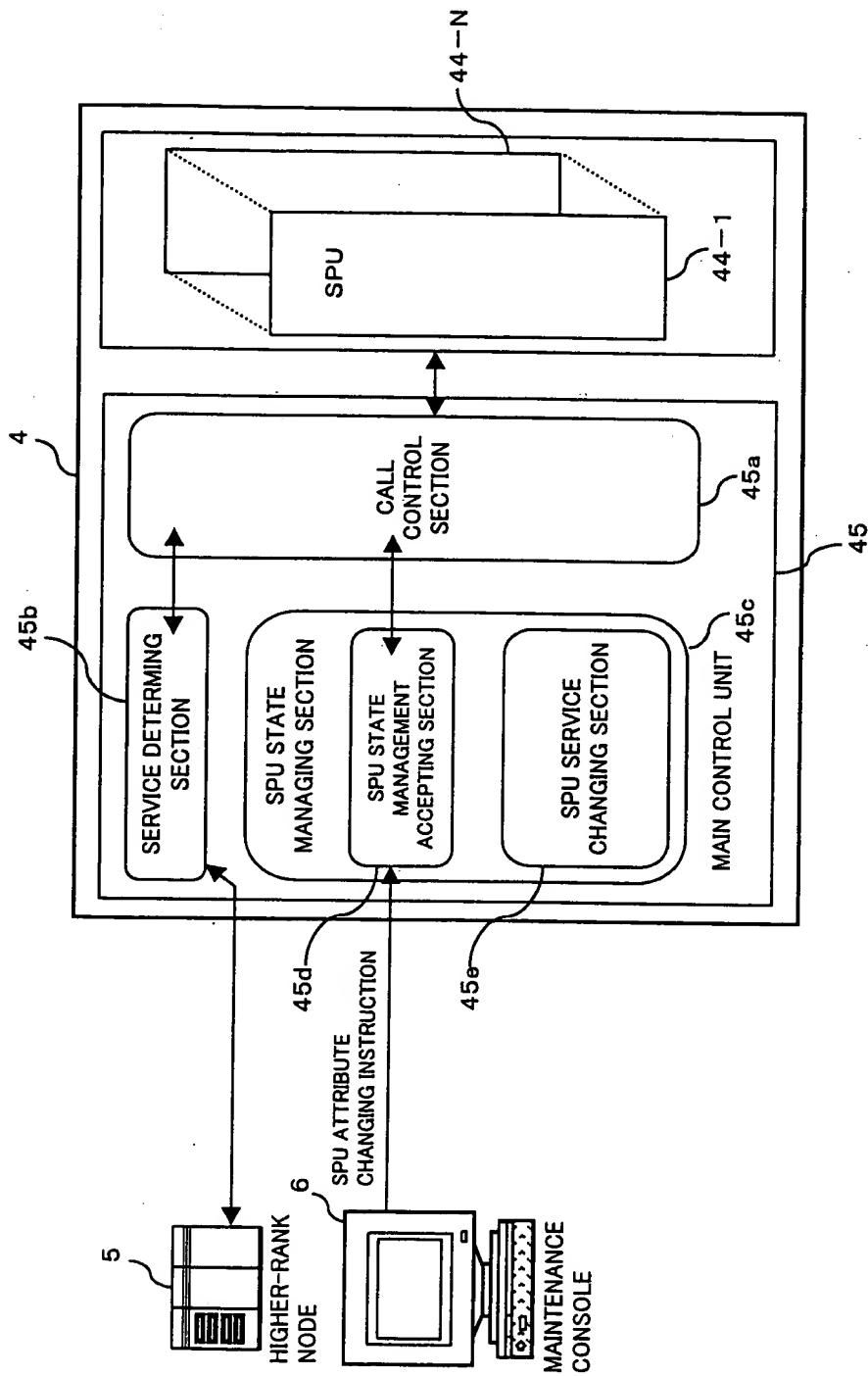
20889

FIG. 2



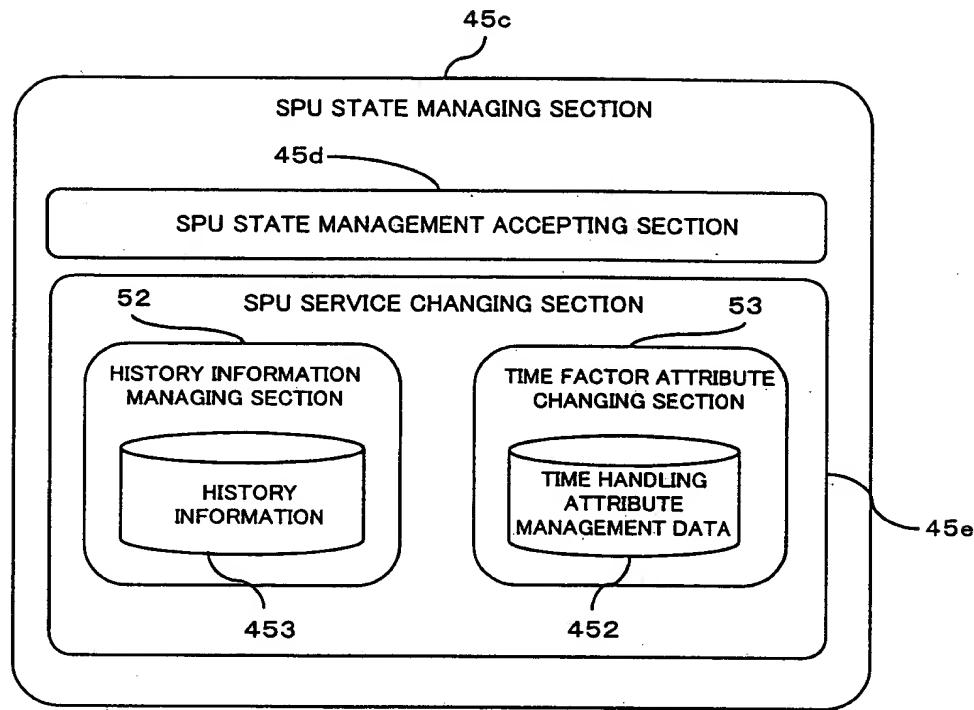
5824

FIG. 3

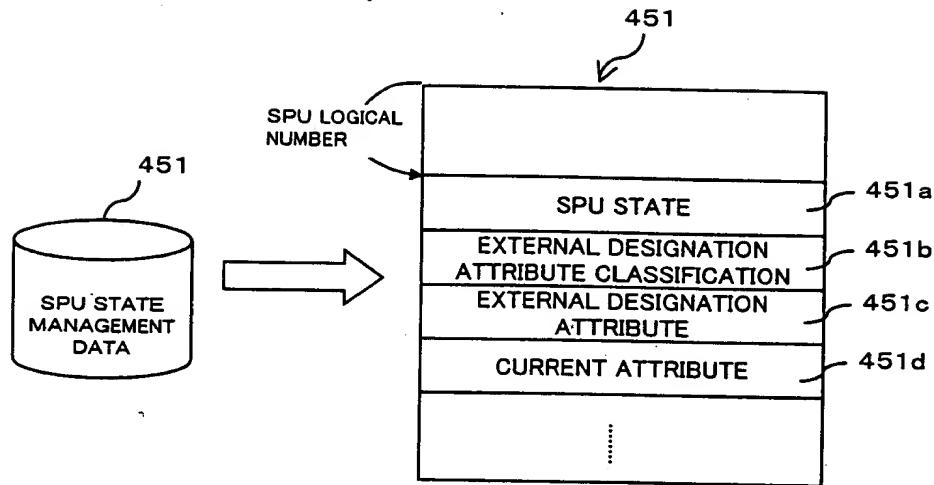
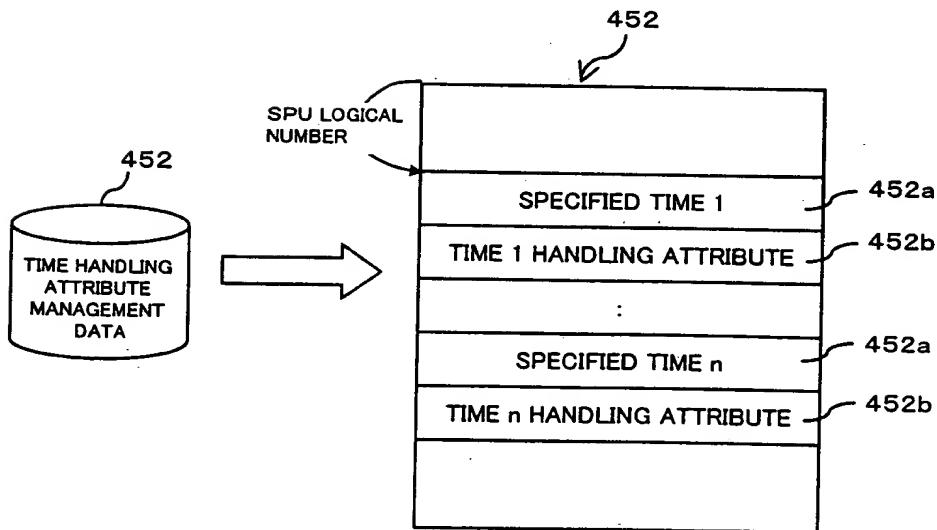


4824

FIG. 4



5824

**FIG. 5A****FIG. 5B**

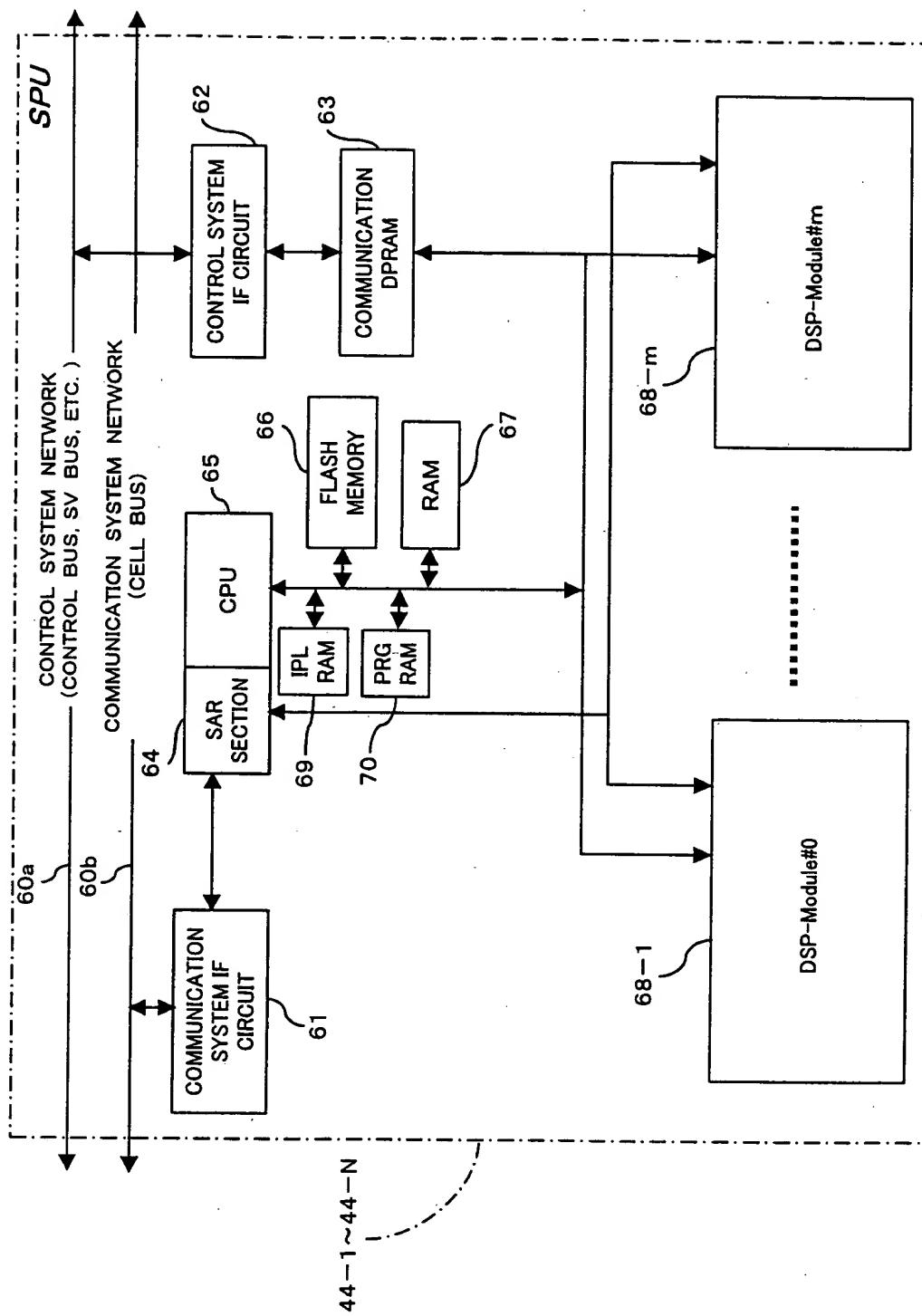
60824

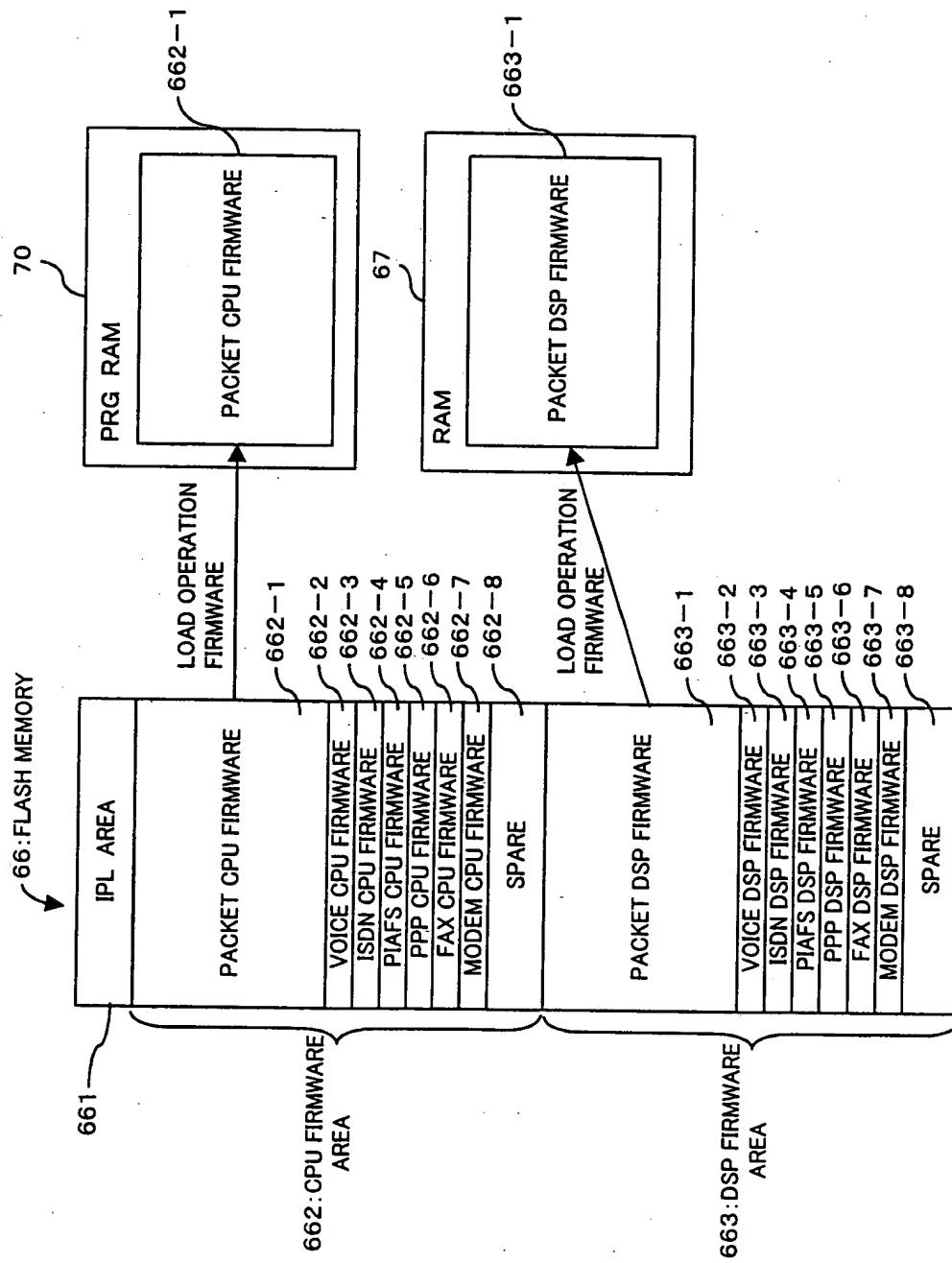
FIG. 6

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2828

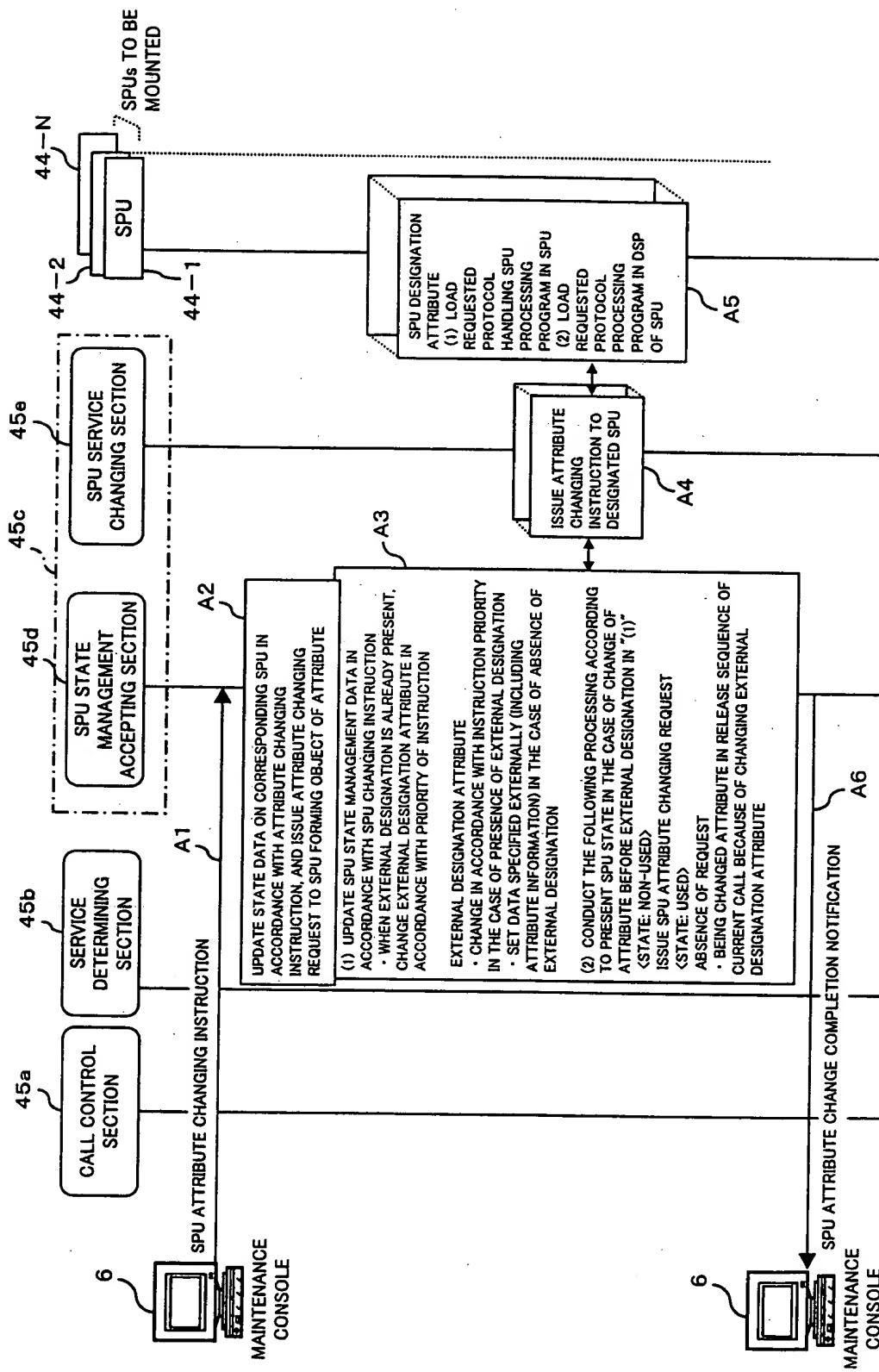
FIG. 7



**FIG. 8**

9824

FIG. 9



10/06/24

FIG. 10

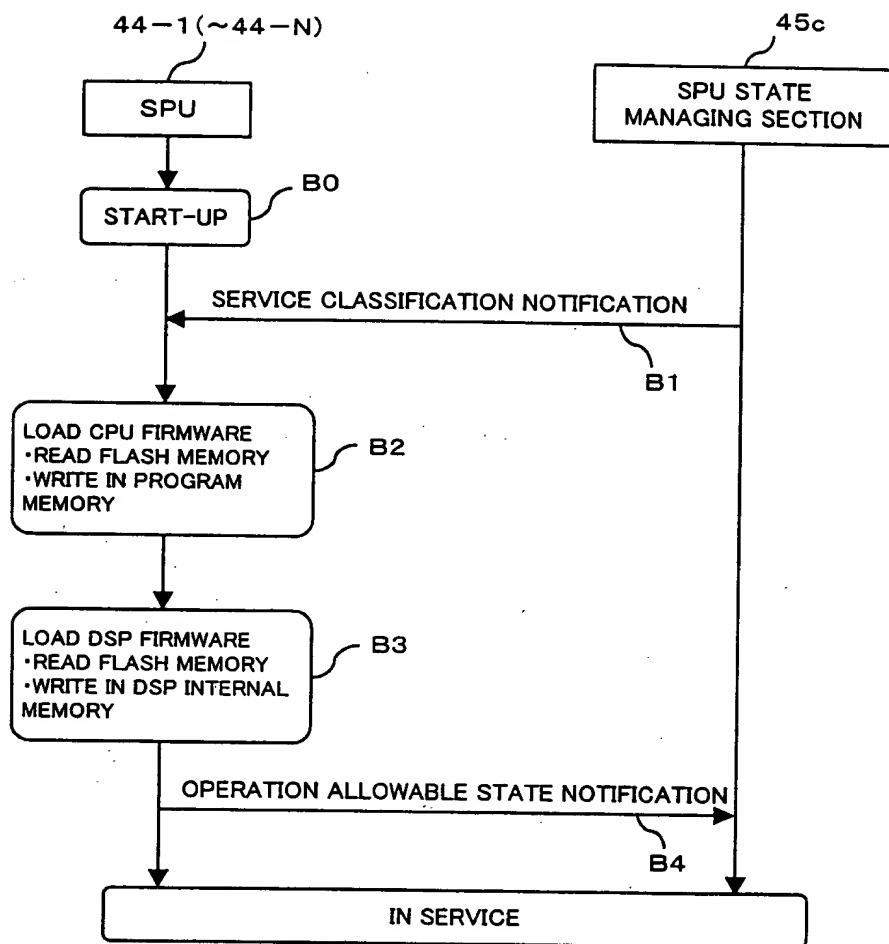
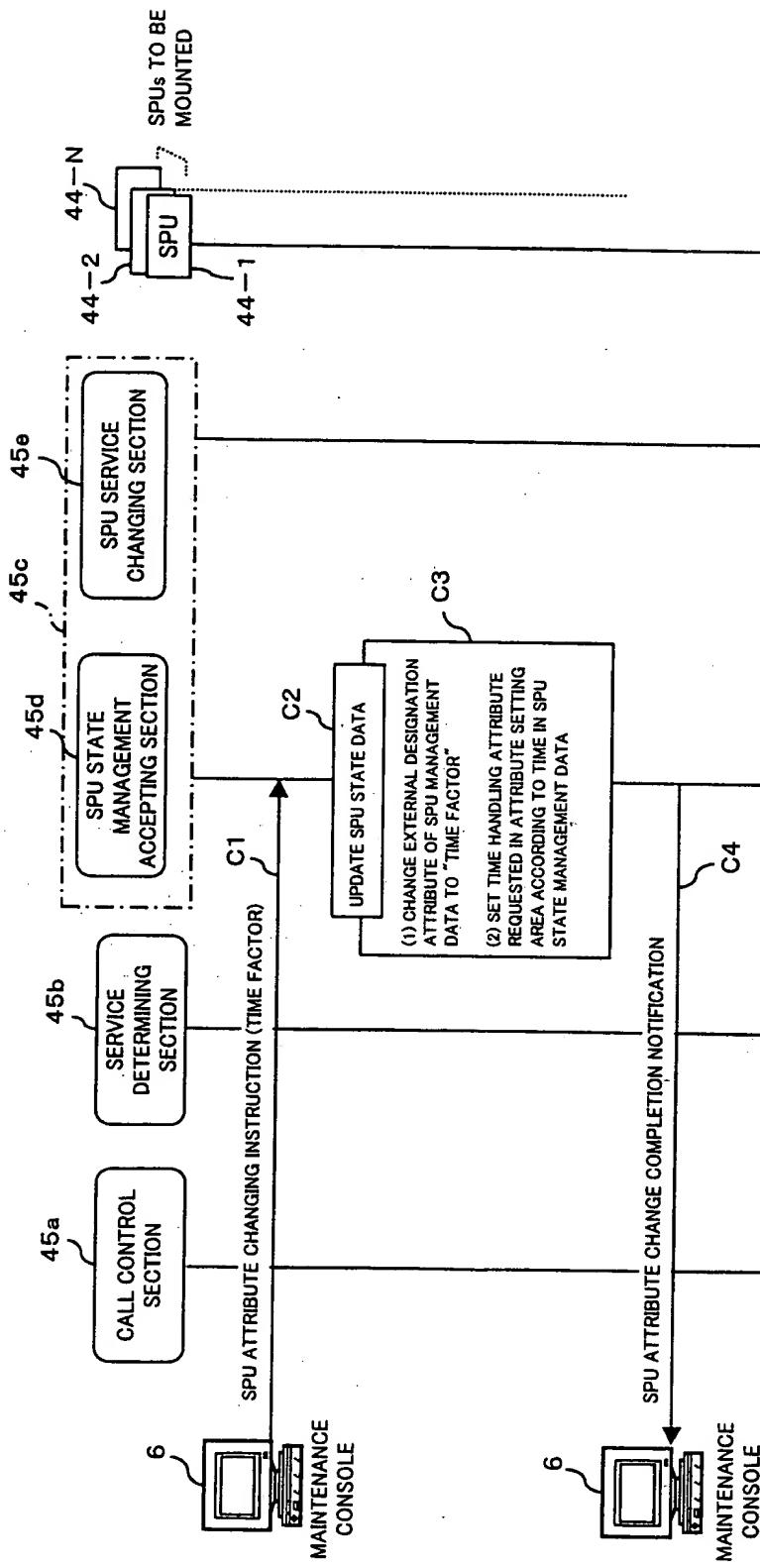
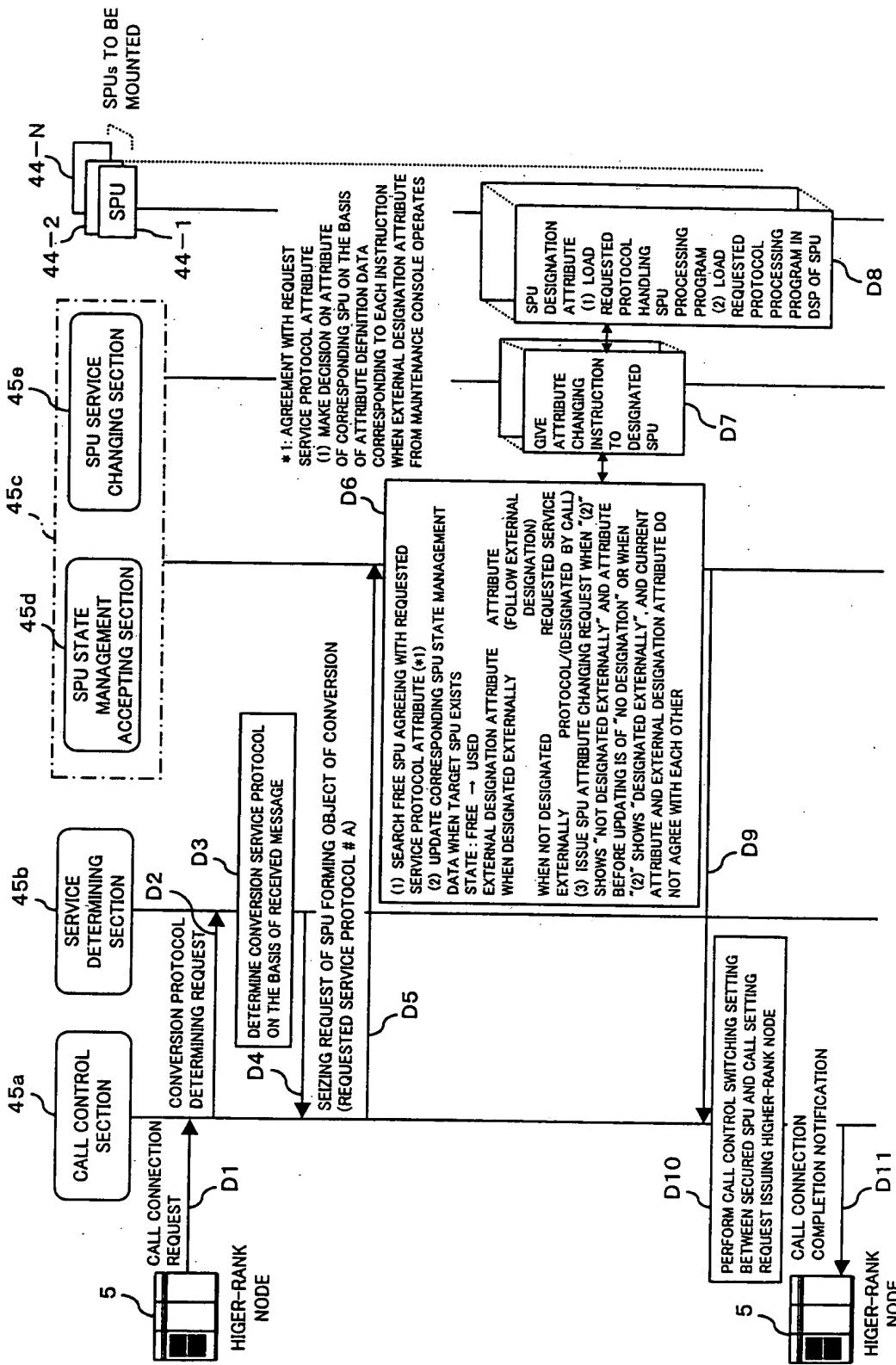


FIG. 11



120824

FIG. 12



130624

FIG. 13

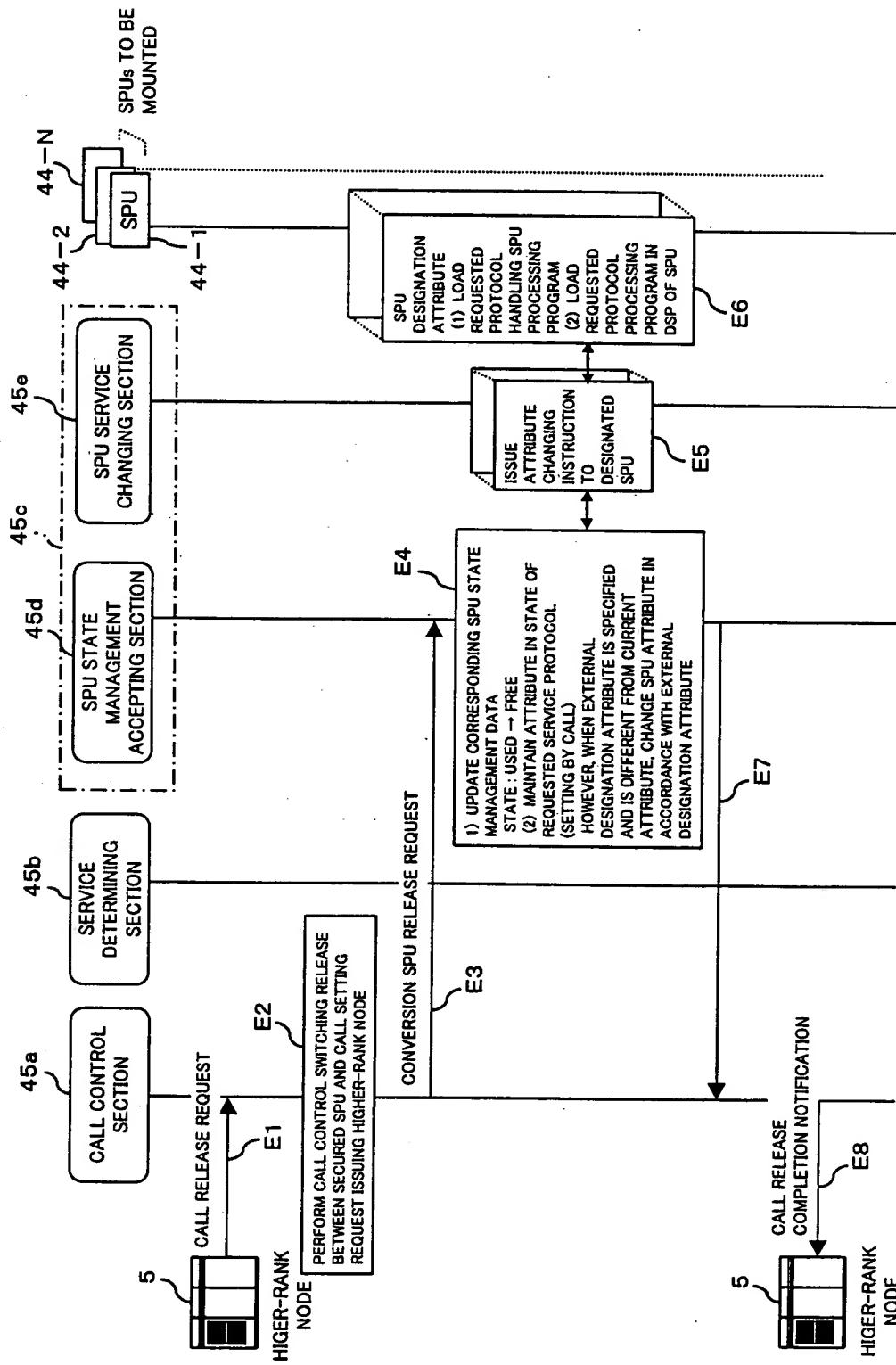
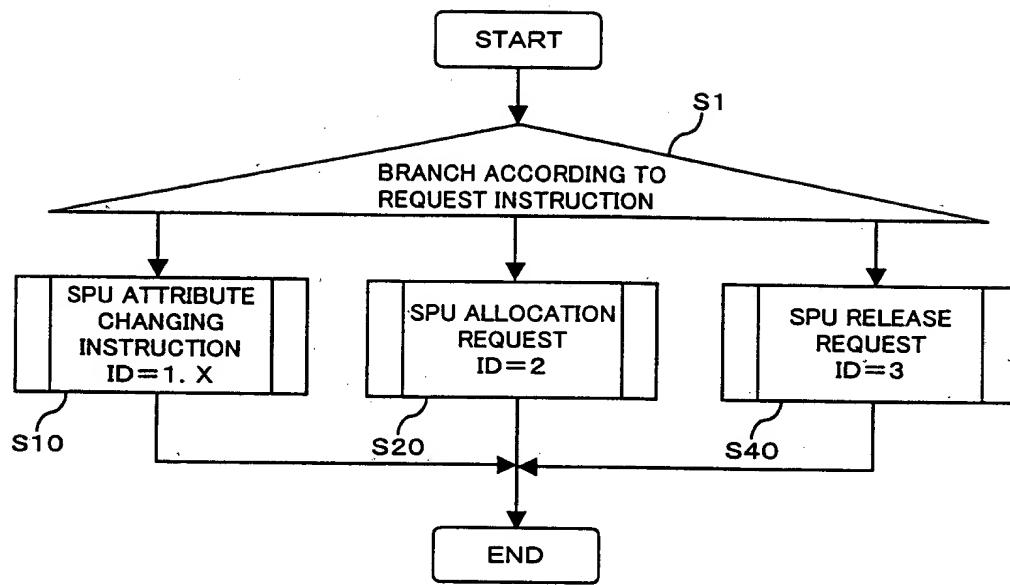


FIG. 14



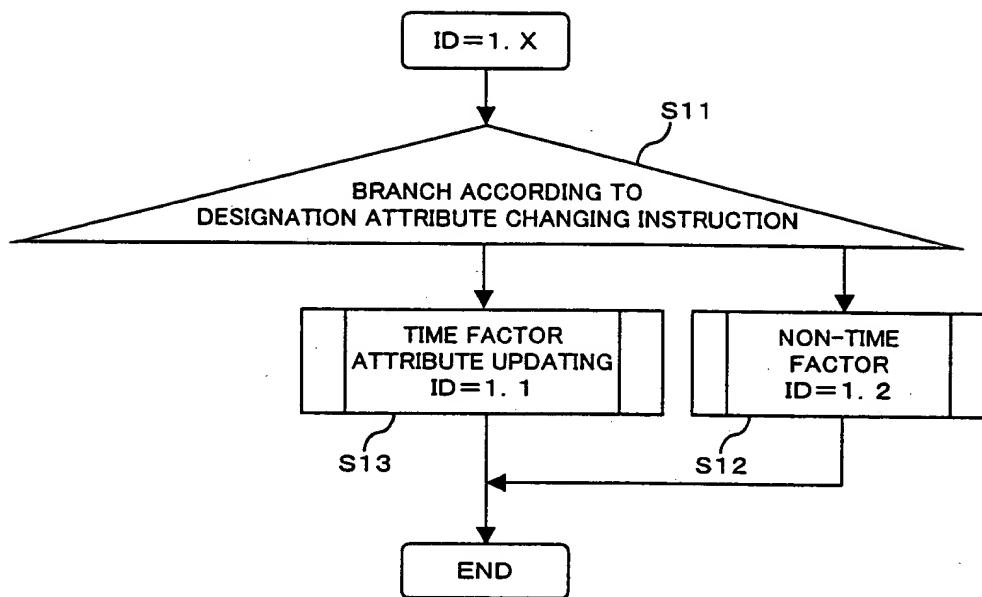
**FIG. 15**

FIG. 16

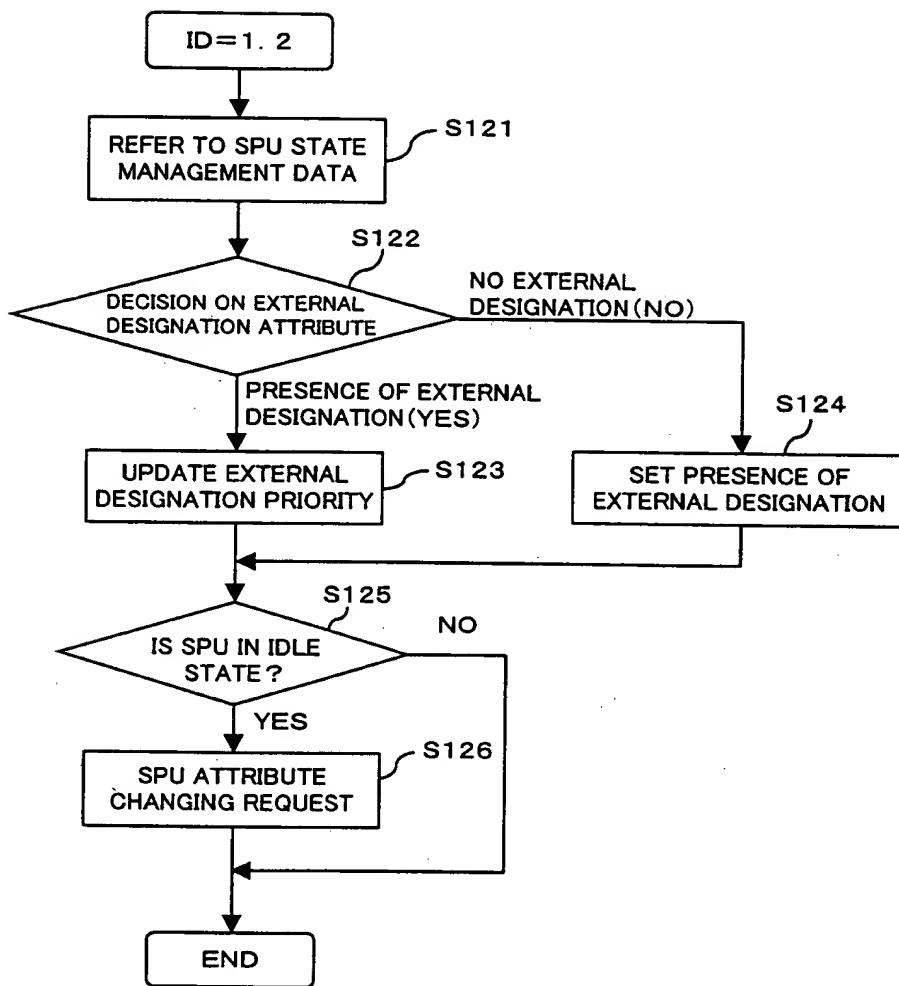
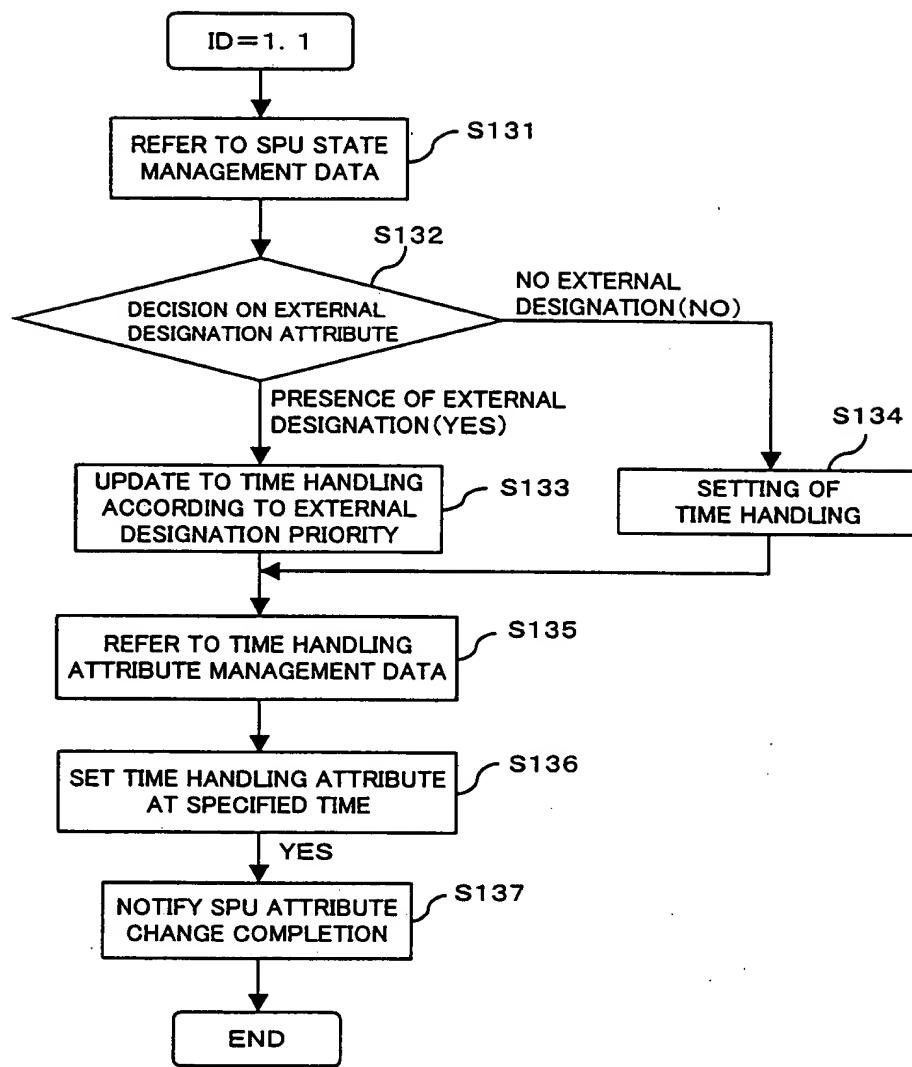
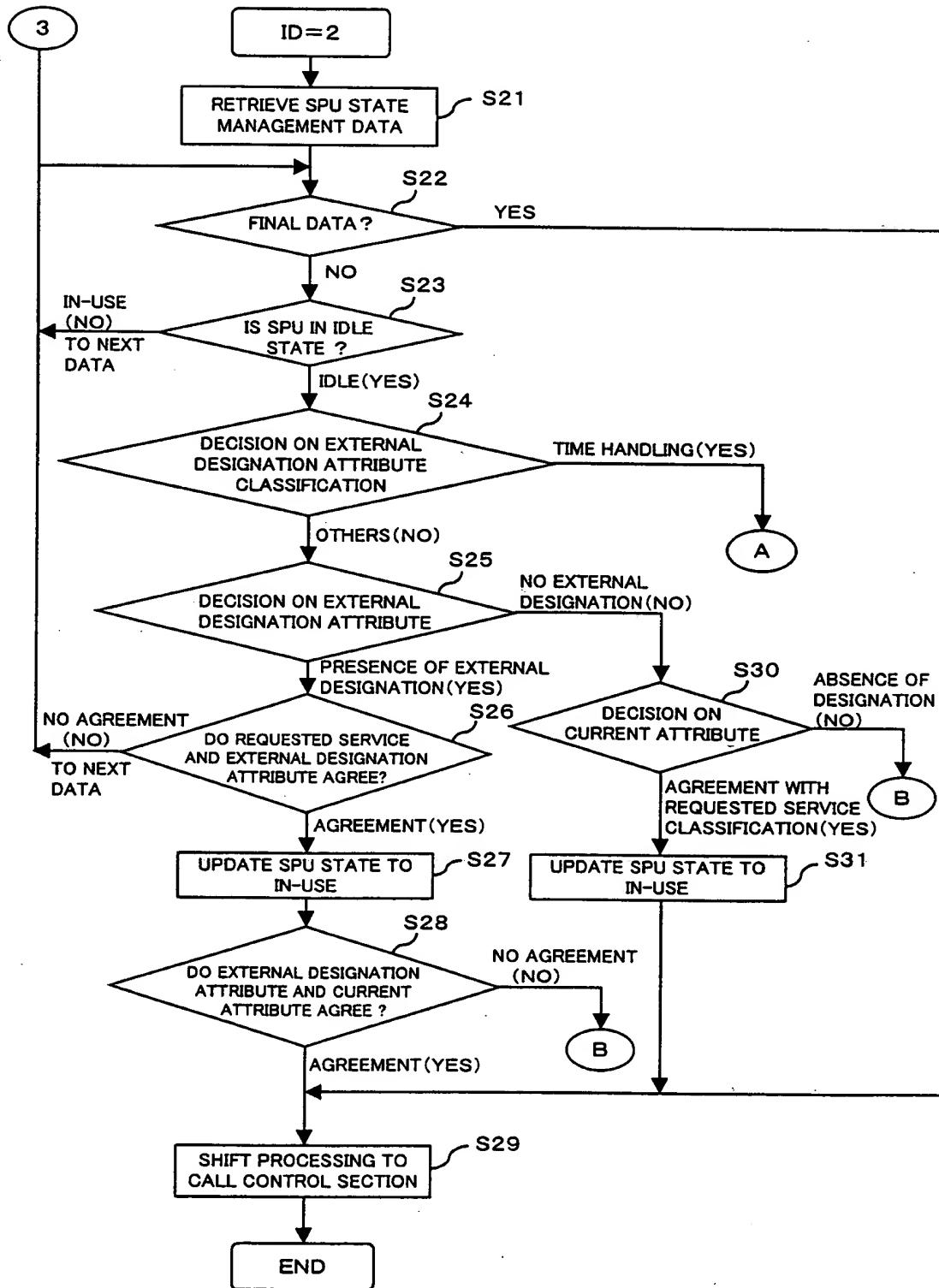


FIG. 17



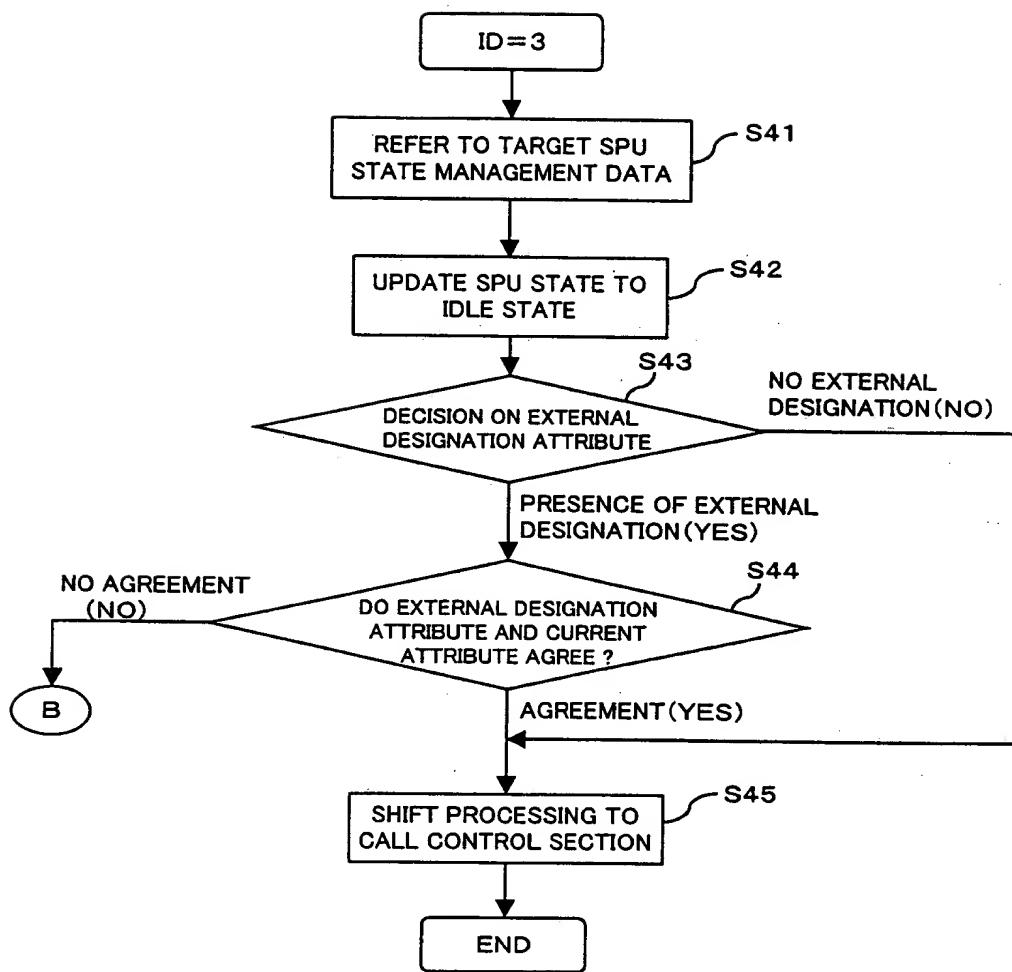
18082K

FIG. 18



190624

FIG. 19



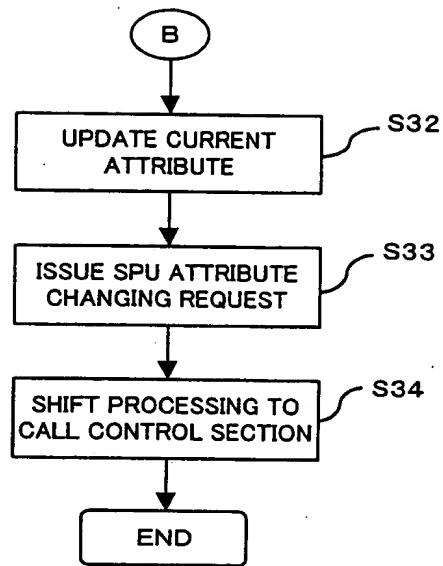
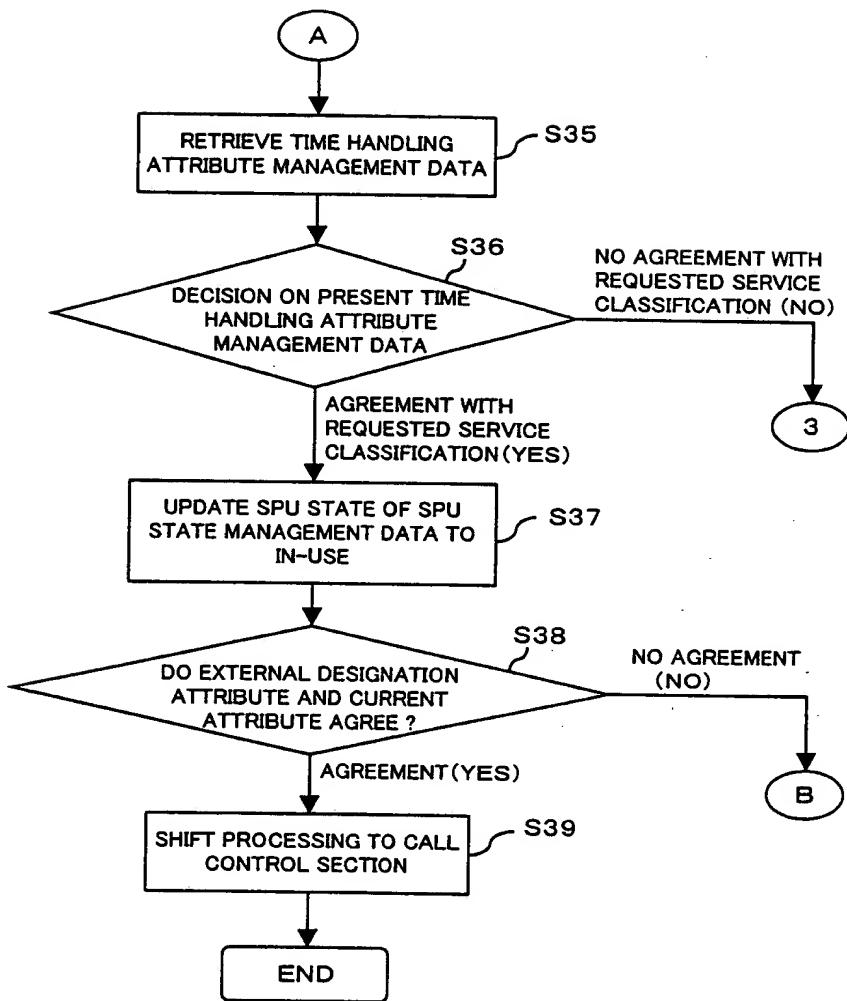
**FIG. 20**

FIG. 21



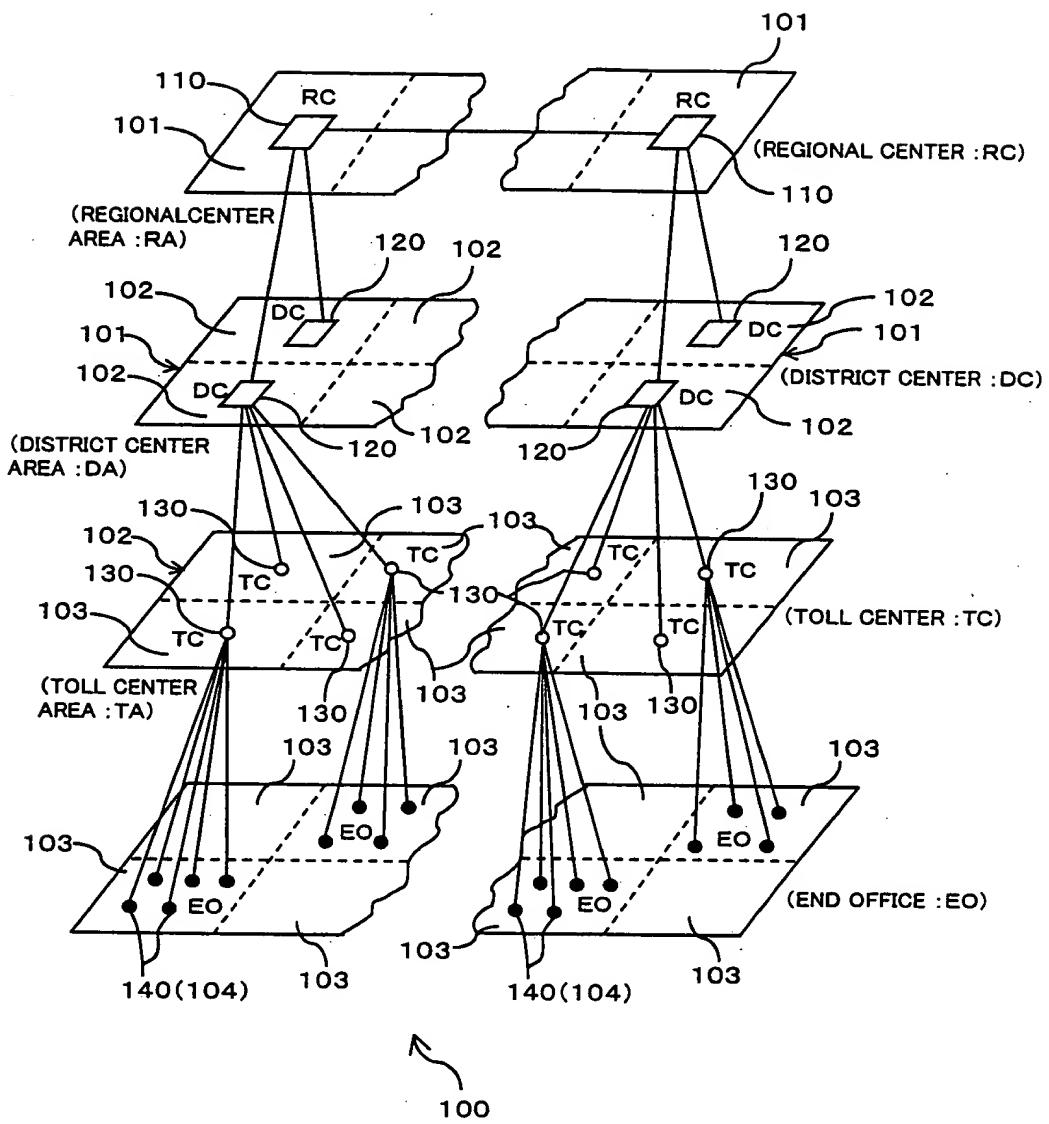
**FIG. 22A**

| EXTERNAL DESIGNATION ATTRIBUTE SET PREVIOUSLY<br>EXAMPLE (PREVIOUS DESIGNATION IS KEPT TO A MINIMUM, AND OTHER DESIGNATION IS HANDLED IN REAL TIME IN OPERATION) |                                |  |
|--|--------------------------------|--|
| SPU LOGICAL NUMBER   | EXTERNAL DESIGNATION ATTRIBUTE |  |
| 1  | 1:VOICE                        |  |
| 2  | 2:ISDN                         |  |
| 3  | 3:PACKET                       |  |
| 4  | 4:PIAFS                        |  |
| 5  | 5:FAX                          |  |
| 6  | 6:MODEM                        |  |
| 7  | 7:PPP                          |  |
| 8  | O:NO DESIGNATION               |  |
| 9  | O:NO DESIGNATION               |  |
| 10   | O:NO DESIGNATION               |  |
| 11   | O:NO DESIGNATION               |  |
| 12   | O:NO DESIGNATION               |  |
| 13   | O:NO DESIGNATION               |  |
| 14   | O:NO DESIGNATION               |  |
| 15   | O:NO DESIGNATION               |  |
| 16   | O:NO DESIGNATION               |  |
| 17   | O:NO DESIGNATION               |  |
| 18   | O:NO DESIGNATION               |  |
| 19   | O:NO DESIGNATION               |  |
| 20   | O:NO DESIGNATION               |  |
| 21   | O:NO DESIGNATION               |  |
| 22   | O:NO DESIGNATION               |  |
| 23   | O:NO DESIGNATION               |  |
| 24   | O:NO DESIGNATION               |  |
| 25   | O:NO DESIGNATION               |  |
| 26   | O:NO DESIGNATION               |  |
| 27   | O:NO DESIGNATION               |  |
| 28   | O:NO DESIGNATION               |  |
| 29   | O:NO DESIGNATION               |  |
| 30   | O:NO DESIGNATION               |  |
| 31   | O:NO DESIGNATION               |  |
| 32   | SPARE PKG                      |  |

**FIG. 22B**

| EXTERNAL DESIGNATION ATTRIBUTE SET PREVIOUSLY<br>EXAMPLE (RATIO OF SERVICES PREDICATABLE PREVIOUSLY IS RESERVED) |                                |  |
|--|--------------------------------|--|
| SPU LOGICAL NUMBER   | EXTERNAL DESIGNATION ATTRIBUTE |  |
| 1  | 1:VOICE                        |  |
| 2  | 1:VOICE                        |  |
| 3  | 1:VOICE                        |  |
| 4  | 1:VOICE                        |  |
| 5  | 2:ISDN                         |  |
| 6  | 2:ISDN                         |  |
| 7  | 2:ISDN                         |  |
| 8  | 2:ISDN                         |  |
| 9  | 3:PACKET                       |  |
| 10   | 3:PACKET                       |  |
| 11   | 3:PACKET                       |  |
| 12   | 3:PACKET                       |  |
| 13   | 4:PIAFS                        |  |
| 14   | 4:PIAFS                        |  |
| 15   | 5:FAX                          |  |
| 16   | 5:FAX                          |  |
| 17   | 6:MODEM                        |  |
| 18   | 6:MODEM                        |  |
| 19   | 7:PPP                          |  |
| 20   | 7:PPP                          |  |
| 21   | O:NO DESIGNATION               |  |
| 22   | O:NO DESIGNATION               |  |
| 23   | O:NO DESIGNATION               |  |
| 24   | O:NO DESIGNATION               |  |
| 25   | O:NO DESIGNATION               |  |
| 26   | O:NO DESIGNATION               |  |
| 27   | O:NO DESIGNATION               |  |
| 28   | O:NO DESIGNATION               |  |
| 29   | O:NO DESIGNATION               |  |
| 30   | O:NO DESIGNATION               |  |
| 31   | O:NO DESIGNATION               |  |
| 32   | SPARE PKG                      |  |

**FIG. 23**  
RELATED ART



240826

FIG. 24  
RELATED ART  
SWITCHING APPARATUS

